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K Jony
1/25/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Zhu Xiaofan

Serial No. (not assigned)

Examiner (not assigned)

Filed concurrently herewith

Art Unit (not assigned)

For OPTICAL MODULE

Assistant Commissioner of Patents

Washington, D.C. 20231

PRELIMINARY AMENDMENT

Dear Sir:

Prior to calculation of the filing fee, Applicant wishes to amend the application as follows:

In the Claims:

Please amend claims 5, 6, 8 and 11 as follows (a marked up version of claims 5, 6, 8, and 11 being appended hereto):

5. An optical module according to claim 1, wherein a longer wave is allocated to a channel longer in free space length.

6. An optical module according to claim 1, wherein:

said output side is disposed at an angle of 90 degrees with respect to said input side; and

a movable mirror is inserted in a position corresponding to each channel in said free space to thereby form a matrix optical switch.

8. An optical module according to Claim 1, wherein an optical device constituted by

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